

CLAIMS

What is claimed is:

1. A method to improve the cling force of a stretch wrap film, the method comprising forming a stretch wrap film from a first composition comprising at least one linear
5 low density polyethylene resin and up to 500 ppm by weight of the total composition of ultra-fine zinc oxide, the ultra-fine zinc oxide having a mean particle size no greater than about 0.05 μm .
2. The method of Claim 1 wherein the zinc oxide is present in the composition in an amount equal to or less than about 100 ppm based on the weight of the total composition.
3. The method of Claim 1 wherein the zinc oxide is present in the composition in an
10 amount between about 10 to about 100 ppm based on the weight of the total composition.
4. The method of Claim 1 wherein the stretch film is characterized as having a higher cling force than a stretch film made from a second composition differing from the first composition only in that the zinc oxide has a mean particle size greater than 0.05 μm .
5. A method to improve the cling force of a stretch wrap film, the method
15 comprising the steps of mixing at least 1 linear low density polyethylene resin with up 500 parts per million by weight of the total composition of ultra-fine zinc oxide, the ultra-fine zinc oxide having a mean particle size no greater than 0.05 micrometers; and
forming the mixture into a stretch wrap film.
6. The method of Claim 5 wherein the mixing is conducted with the linear low
20 density polyethylene resin in a molten state.
7. The method of Claim 5 wherein the stretch wrap film is formed by a blown film process.
8. The method of Claim 5 wherein the stretch wrap film is formed by a cast film process.